

Introduction to Javascript

The nightmare begins...



JavaScript

- ◆ JavaScript was invented by Brendan Eich in 1995, and became an ECMA standard in 1997.
- ◆ ECMA-262 is the official name of the standard.
- ◆ ECMAScript is the official name of the language.
- ◆ Currently JavaScript is a dialect of ECMAScript developed by Mozilla
- ◆ JScript is a dialect of ECMAScript developed by Microsoft, it add support for ActiveX objectJScript is a dialect developed by Microsoft
- ◆ Javascript and Java are different languages.
 - ◆ <https://www.w3schools.com/js/>
- ◆

Supported versions

- ◆ Different browser have different engine in order to process javascript code
- ◆ Thus different browser can correctly parse different version of javascript.
- ◆ In order to mantains the best portability of your code, you have to stay on the best supported standard, currently ECMAScript 5

Use ECMAScript 5 standard !

Document Object Model

- ◆ The main data structure manipulated by Javascript is the Document Object Model (DOM).
- ◆ The W3C Document Object Model is a platform and language-neutral interface that allows programs and scripts to dynamically access and update the content, structure, and style of a document.

Document Object Model

- ◆ The HTML DOM model is constructed as a tree of Objects:

